

13281 U.S. PTO  
112403

# UTILITY PATENT APPLICATION TRANSMITTAL UNDER 37 C.F.R. §1.53(b)

17497 U.S. PTO  
10/719057  
112403

U.S. Patent and Trademark Office  
2011 South Clark Place  
Customer Window, Mail Stop Patent Application  
Crystal Plaza Two, Lobby, Room 1B03  
Arlington, Virginia 22202

Case Docket No.: K-090G

Sir:

Transmitted herewith for filing is the patent application of  
INVENTOR OR APPLICATION IDENTIFIER: Young-Joon SONG  
FOR: PILOT SIGNALS FOR SYNCHRONIZATION AND/OR CHANNEL ESTIMATION  
Enclosed are:

1. ☒ 68 pages of specification, claims, abstract
2. ☒ 47 sheets of FORMAL drawings.
3. ☒ 2 pages of Declaration & Power of Attorney (copy from a prior application).  
☒ Incorporation By Reference-The entire disclosure of the prior application is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.  
☒ This is a ☒ Continuation or ☐ Divisional of prior application No. 09/376,373 filed on **August 18, 1999**, entitled **PILOT SIGNALS FOR SYNCHRONIZATION AND/OR CHANNEL ESTIMATION**, which is a Continuation In Part of Serial No. 09/373,703 filed on August 13, 1999, which is a Utility filing of Provisional Application 60/136,763 filed on May 28, 1999.
4. ☒ An Information Disclosure Statement and PTO 1449 Form are submitted herewith.
5. ☐ Cancel claims \_\_\_\_\_.
6. The filing fee is calculated on the basis of the claims existing in the prior application as amended at 5 above:

| CLAIMS AS FILED                                      |           |      |           |           |          |
|------------------------------------------------------|-----------|------|-----------|-----------|----------|
| For                                                  | No. Filed |      | No. Extra | Rate      | Fee      |
| Total Claims                                         | 17        | - 20 |           | X \$18.00 |          |
| Indep. Claims                                        | 5         | - 3  | 2         | X \$86.00 | \$172.00 |
| Multiple Dependent Claims (If applicable) add \$290. |           |      |           |           |          |
| BASIC FEE                                            |           |      |           |           | \$770.00 |
| TOTAL FILING FEE                                     |           |      |           |           | \$942.00 |

7. ☐ Preliminary Amendment is enclosed.
8. ☐ Applicant claims Small Entity status.
- 9a. ☐ A check in the amount of \$\_\_\_\_\_ (Check # \_\_\_\_\_) is attached.
- 9b. ☐ Please charge my Deposit Account No. 16-0607 in the amount of \$\_\_\_\_. A duplicate copy of this sheet is enclosed.
- 9c. ☐ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 16-0607. A duplicate copy is enclosed.  
☐ Any additional filing fees required under 37 C.F.R. 1.16.
- 10a. ☐ The Commissioner is hereby authorized to charge fees under 37 C.F.R. 1.16 and 1.17 which may be required, including any extension of time fees to maintain the pendency of the parent application No. or credit any overpayment to Deposit Account No. 16-0607.
- 10b. ☐ Authorization under 37 C.F.R. '1.136(a)(3).

11a. ☒ Amend the specification by inserting before the first line the sentence:

--This application is a Continuation of Application No. 09/376,373 filed August 18, 1999 which is a Continuation In Part of Serial No. 09/373,703 filed on August 13, 1999, which is a Utility filing of Provisional Application 60/136,763 filed on May 28, 1999--

11b. ☐ Amend the specification by inserting before the first line the sentence:

--This application is a Divisional of Application No. filed --

12. ☒ Priority of Application Serial No. 99/8630 filed on March 15, 1999, in Korea; 99/12856 filed on April 12, 1999, in Korea; 99/12857 filed on April 12, 1999, in Korea; 99/15722 filed on April 30, 1999, in Korea; 99/19505 filed on May 28, 1999, in Korea; 99/19506 filed on May 28, 1999, in Korea; 99/19610 filed on May 29, 1999, in Korea; 99/23140 filed on June 19, 1999, in Korea; 99/23141 filed on June 19, 1999, in Korea; 99/23568 filed on June 22, 1999, in Korea; 99/23937 filed on June 24, 1999, in Korea; and 99/26689 filed on July 2, 1999, in Korea is claimed under 35 U.S.C. 119. The certified priority documents were filed in Serial No. 09/373,703 filed on August 13, 1999 of which Serial No. 09/376,373 is a Continuation In Part filed on August 18, 1999, which is a Utility filing of Provisional Application 60/136,763 filed on May 28, 1999.

13. ☒ The prior application is assigned of record to LG Electronics Inc. at Reel 010344, Frame 0808.

14. ☒ The power of attorney in the prior application is to:

FLESHNER & KIM, LLP

15. ☒ Two (2) return postcards.

☒ Stamp & Return with Courier.

☒ Prepaid Postcard-Stamped Filing Date & Returned with Unofficial Serial Number.

16. ☐ Also enclosed:

17. ☐ A petition, fee and response has been filed to extend the term in the pending prior application until \_\_\_\_\_.

Respectfully submitted,  
FLESHNER & KIM, LLP

Daniel Y.J. Kim  
Registration No. 36,186

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Date: November 24, 2003

**Please direct all correspondence to Customer Number 34610**